

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1254403

Luminaire Tested: P3AS09R559035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254403
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

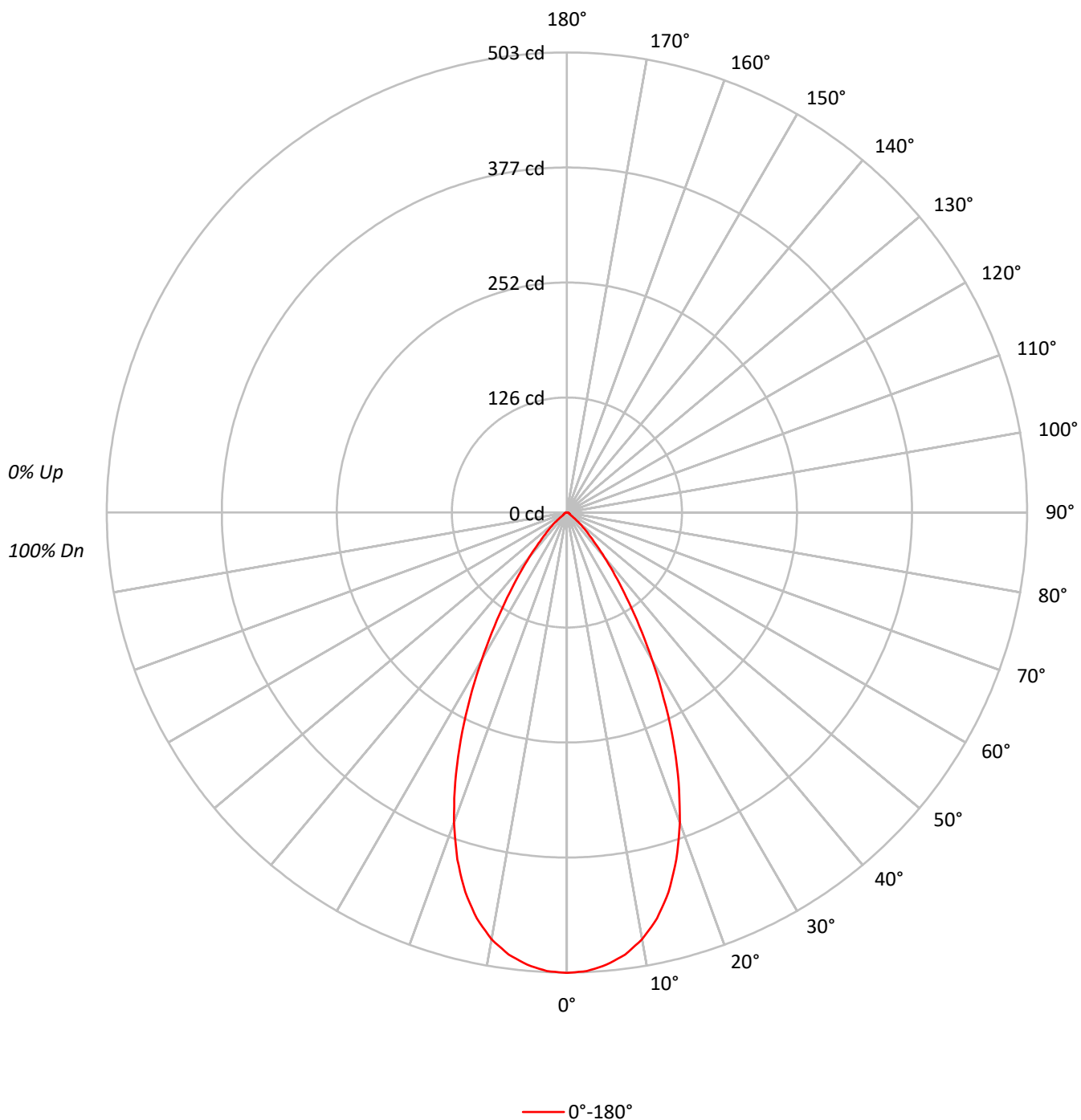
Lumens per Lamp: N/A
Luminaire Lumens: 402.0 lumens
Efficiency: N/A
Efficacy: 36.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1254403

CATALOG NUMBER: P3AS09R559035DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1254403

CATALOG NUMBER: P3AS09R559035DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110386
5°	109267
10°	105520
15°	97526
20°	84171
25°	66488
30°	47146
35°	30410
40°	18263
45°	10296
50°	5526
55°	1988
60°	1798
65°	1712
70°	1667
75°	1525
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10296 cd/sqm

TEST NUMBER: P1254403

CATALOG NUMBER: P3AS09R559035DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.7	11.6
10°-20°	118.8	29.6
20°-30°	124.5	31.0
30°-40°	72.6	18.1
40°-50°	27.2	6.8
50°-60°	6.4	1.6
60°-70°	3.3	0.8
70°-80°	1.9	0.5
80°-90°	0.6	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	290.0	72.1
0°-40°	362.6	90.2
0°-60°	396.2	98.6
0°-90°	402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	402.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	503	
5°	496	47
15°	430	119
25°	275	125
35°	114	73
45°	33	27
55°	5	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1254403

CATALOG NUMBER: P3AS09R559035DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	503.4
2.5°	501.9
5°	496.4
7.5°	487.5
10°	473.9
12.5°	454.7
15°	429.6
17.5°	397.9
20°	360.7
22.5°	319.0
25°	274.8
27.5°	229.4
30°	186.2
32.5°	147.1
35°	113.6
37.5°	86.3
40°	63.8
42.5°	45.7
45°	33.2
47.5°	24.0
50°	16.2
52.5°	9.2
55°	5.2
57.5°	4.4
60°	4.1
62.5°	3.7
65°	3.3
67.5°	3.0
70°	2.6
72.5°	2.2
75°	1.8
77.5°	1.5
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)